

Nathaniel M Braman

List of Publications by Year in descending order

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15
papers

1,294
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1677
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting cancer outcomes with radiomics and artificial intelligence in radiology. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 132-146.	27.6	221
2	Novel Radiomic Measurements of Tumor-Associated Vasculature Morphology on Clinical Imaging as a Biomarker of Treatment Response in Multiple Cancers. <i>Clinical Cancer Research</i> , 2022, 28, 4410-4424.	7.0	6
3	Radiomics-based assessment of ultra-widefield leakage patterns and vessel network architecture in the PERMEATE study: insights into treatment durability. <i>British Journal of Ophthalmology</i> , 2021, 105, 1155-1160.	3.9	15
4	Deep Orthogonal Fusion: Multimodal Prognostic Biomarker Discovery Integrating Radiology, Pathology, Genomic, and Clinical Data. <i>Lecture Notes in Computer Science</i> , 2021, , 667-677.	1.3	29
5	Radiomic Features Associated With HPV Status on Pretreatment Computed Tomography in Oropharyngeal Squamous Cell Carcinoma Inform Clinical Prognosis. <i>Frontiers in Oncology</i> , 2021, 11, 744250.	2.8	16
6	Radiogenomic-Based Survival Risk Stratification of Tumor Habitat on Gd-T1w MRI Is Associated with Biological Processes in Glioblastoma. <i>Clinical Cancer Research</i> , 2020, 26, 1866-1876.	7.0	67
7	Radiomics For Surgical Planning and Prognostication. <i>JAMA Network Open</i> , 2020, 3, e2028608.	5.9	3
8	Association of Peritumoral Radiomics With Tumor Biology and Pathologic Response to Preoperative Targeted Therapy for HER2 (ERBB2) Positive Breast Cancer. <i>JAMA Network Open</i> , 2019, 2, e192561.	5.9	196
9	Perinodular and Intranodular Radiomic Features on Lung CT Images Distinguish Adenocarcinomas from Granulomas. <i>Radiology</i> , 2019, 290, 783-792.	7.3	226
10	Response Estimation Through Spatially Oriented Neural Network and Texture Ensemble (RESONATE). <i>Lecture Notes in Computer Science</i> , 2019, , 602-610.	1.3	9
11	Morphology of vascular network in eyes with diabetic macular edema varies based on tolerance of aflibercept treatment interval length: preliminary findings. , 2019, , .		0
12	Vascular Network Organization via Hough Transform (VaNgOGH): A Novel Radiomic Biomarker for Diagnosis and Treatment Response. <i>Lecture Notes in Computer Science</i> , 2018, , 803-811.	1.3	6
13	A deep learning classifier for prediction of pathological complete response to neoadjuvant chemotherapy from baseline breast DCE-MRI. , 2018, , .		32
14	Integrated, High-Throughput, Multiomics Platform Enables Data-Driven Construction of Cellular Responses and Reveals Global Drug Mechanisms of Action. <i>Journal of Proteome Research</i> , 2017, 16, 1364-1375.	3.7	34
15	Intratumoral and peritumoral radiomics for the pretreatment prediction of pathological complete response to neoadjuvant chemotherapy based on breast DCE-MRI. <i>Breast Cancer Research</i> , 2017, 19, 57.	5.0	408